


NORTH LONSDALE RURAL DISTRICT COUNCIL



ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR THE YEAR  
1970



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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1970

Divisional Health Office,  
Brogden Street,  
Ulverston.

To the Chairman and Members of the  
North Lonsdale Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report of the Medical Officer of Health for the year 1970.

GENERAL STATISTICS AND SOCIAL CONDITIONS

Area (in acres)	127,448
Population - Census, 1961	16,598
Registrar General's Estimate of home population, mid 1970	15,720
Number of inhabited houses	6,603
Rateable Value	£461,992
Amount produced by a Penny Rate	£1,789

The district is entirely rural in character, the northern portion being typical lakeland country with lakes and fells merging into the more southern portion which extends to the coast and forms part of the northern shores of Morecambe Bay. Two lakes, Conistone and Esthwaite, as well as two-thirds of the shores of Lake Windermere are wholly contained in the district.

The principal industry is agriculture, with the hotel and catering industry playing a prominent part during the summer season. Slate quarrying is a feature in the northern and central parts of the District.

VITAL STATISTICS

The principal vital statistics for 1970 and for the preceding five years are given on page two.

Of the 192 live births registered, 94 were males of which 7 were illegitimate and 98 were females of which 1 was illegitimate. It is to be noted that no infant deaths occurred.

Approximately 75% of the deaths were in persons of 65 years of age and over and the main causes of deaths were:- Heart disease 99, vascular lesions of nervous system 38 and malignant growths, 50. Of the 99 deaths from heart disease, 73 were due to coronary artery disease.

The adjusted live birth rate of 14.3 per 1,000 and the adjusted death rate of 12.5 per 1,000 can be compared with the corresponding rates for England and Wales of 16.0 per 1,000 and 11.7 per 1,000 respectively.

Year	Live Births		Deaths (all causes)		Stillbirths		Infant Mortality Total			Neo-Natal (under 4 weeks of age)	
	Number regis- tered	Rate per 1,000 popul- ation	Number regis- tered	Rate per 1,000 popul- ation	Number regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 live births	No. of deaths regis- tered	Rate per 1,000 live births	
1970	192	12.2	238	15.1	2	10.0	Nil	Nil	Nil	Nil	
1969	208	13.1	234	14.8	3	14.0	4	19.0	2	10.0	
1968	219	13.8	217	13.7	4	18.0	4	18.0	3	14.0	
1967	233	14.7	212	13.4	5	21.0	1	4.0	1	4.0	
1966	217	13.7	235	14.8	6	26.9	4	18.4	2	9.2	
1965	211	13.3	223	14.0	3	14.0	6	28.4	4	19.0	
Average 5 years 1965-69	-	13.7	-	14.1	-	18.8	-	15.6	-	11.2	

Adjusted live birth rate 1970 (comparability factor 1.17) = 14.3 per 1,000  
Adjusted death rate 1970 (comparability factor 0.83) = 12.5 per 1,000



### STAFF

Medical Officer of Health:-

J.L.WILD., M.A., M.B., B.Chir., M.R.C.S.,  
L.R.C.P., D.P.H.

Other Appointments Held:-

Medical Officer of Health -  
Dalton-in-Furness Urban District  
Grange-over-Sands Urban District  
Ulverston Urban District.

Divisional Medical Officer -  
Health Division No. 1 -  
Lancashire County Council.

Senior Public Health Inspector:-

H.C. CLAYDON, M.A.P.H.I.

Additional Public Health Inspector:-

P.A. ROBERTSHAW, M.A.P.H.I.

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### SANITARY CIRCUMSTANCES OF THE DISTRICT

#### WATER SUPPLY

The provision and maintenance of public water supplies for the whole of the District is the responsibility of the Furness Water Board, with the exception of a small part of the parish of Cartmel Fell, for which the Lakes and Lune Water Board is responsible.

The larger supplies were adequate in quantity throughout the year but some of the smaller public supplies in the northern parishes, and some private supplies, failed during the relative drought in late spring and early summer. Part of the Low Furness district is supplied from the treatment works at Highfield and the remainder from the Pennington treatment works. The Southern part of the rural district is supplied from the Newton treatment works and the central area from Bortree Tarn. All these supplies gave consistently good bacteriological results.

The remainder of the district is supplied from 13 small sources scattered throughout the area. All but 3 of these are now chlorinated.

60 samples of treated water were examined bacteriologically with 48 satisfactory results. 21 samples from untreated supplies were submitted for bacteriological examination and only 4 gave satisfactory results. Both these sets of results are not as good as in 1969.

It is estimated that there are some 1,341 dwellings using private supplies. 8 samples were examined from these supplies of which 3 were satisfactory.

I am indebted to the Engineer of the Furness Water Board for much of the detailed information given in the table on page 4.

Supplies to dwellings:

NORTH LONSDALE RURAL DISTRICT

Parish (1)	No. of dwellings newly connected to public mains supply during 1970		Supply to all dwellings at end of year					
	Existing dwell-ings (2)	New dwell-ings (3)	From public mains				From private supplies e.g. wells, springs	
			Direct to dwellings		By standpipe		No. of dwell-ings (8)	Est. No. of popul-ation (9)
			No. of dwell-ings (4)	Est. No. of popul-ation (5)	No. of dwell-ings (6)	Est. No. of popul-ation (7)		
Aldingham		4	384	927	None		1	2
Allithwaite Lr.		31	635	1464	in any Parish		27	66
Allithwaite Uppr.		5	264	659			32	79
Angerton			4	9			2	4
Blawith			-	-			64	154
Broughton East	1	1	63	155			14	34
Broughton West			292	727			44	109
Cartmel Fell			60	135			110	271
Claife			116	288			49	119
Colton	1	2	190	451			193	485
Coniston		2	367	910			25	64
Dunnerdale			6	12			76	189
EgtonwithNewland	22	3	250	611			122	302
Haverthwaite		1	268	663			25	61
Holker Lower		2	474	1184			30	74
Kirkby		6	390	962			74	184
Hawkshead		2	193	482			51	122
Lowick			45	110			50	126
Mansriggs			1	2			13	29
Osmotherley			76	188			18	44
Pennington		3	472	1179			47	119
Satterthwaite	1		45	111			65	161
Skelwith			-	-			99	251
Staveley			114	283			54	134
Subberthwaite			14	34			15	39
Torver	1		28	68			41	104
Urswick		6	511	1258			-	-

NOTE.      A dwelling is defined as "a building or part of a building which provides separate living quarters".



SEWERAGE AND SEWAGE DISPOSAL

Details of the methods of sewage disposal have been kindly supplied by the Engineer and Surveyor and are given on pages 6 and 7.

It should be noted that work has begun on the comprehensive scheme for the Low Furness district and on the new disposal works at Coniston.

66 new and 10 existing dwellings were connected to the sewerage system and 16 new and 32 existing dwellings to septic tanks. 25 privies were converted to fresh water closets. It is estimated that there are now some 6,413 dwellings on a water carriage system and the number of privy middens has been reduced to 115. 6 pail closets were converted to fresh water closets.

PUBLIC CLEANSING

A fortnightly collection of refuse is maintained from premises where dustbins are provided and a monthly collection is made from ashpits and privy middens, (except the majority of farms). Disposal is to eight semi-controlled tips in various parts of the district.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

	Class of premises				
	Offices	Retail shops	Wholesale shops warehouses	Catering establishments open to public, canteens	Fuel storage depots
(1) No. of registered premises at end of year	24	35	2	38	-
(2) No. of registered premises receiving a general inspection during year	8	29	1	35	-
(3) No. of exemptions current at end of year:-					
Space (S.5.(2)).	Nil	-	-	-	-
Temperature (S.6.)	Nil	-	-	-	-
Sanitary conveniences (S.9)	Nil	-	-	-	-
Washing facilities (S.10)	Nil	-	-	-	-

117 visits of all kinds were made to registered premises during the year. There were no prosecutions for infringements of the Act.

SEWAGE DISPOSAL

<u>Township</u>	<u>Village</u>	<u>Method of Disposal</u>
Aldingham	Leece	Sewage disposal works with tanks and filters.
	Gleaston	Sewage tank with outfall to stream.
	Scales	Two Sewage tanks with overflow to land.
	Baycliff	Sewage tanks with outfall to sea.
	Newbiggin	Sewage tank with overflow to stream.
Allithwaite Lower	Allithwaite	Sewage disposal works with tanks and filters, outfall to sea.
	Cartmel	Sewage disposal works with tanks and filters, outfall to River Eea.
Allithwaite Upper	Lindale	Sewage disposal works with tanks and filters, outfall to River Winster.
	Newton	Sewage disposal works with tanks and filters, outfall to stream.
Broughton East	Field Broughton	Sewage tank.
Broughton West	Broughton-in-Furness	Sewage tank with overflow to tidal water of River Duddon.
	Foxfield	Tidal waters of River Duddon.
Cartmel Fell	Ghyll Head Area	Sewage Disposal Works Windermere Urban District Council.
Claife	Near Sawrey	Sewage tanks.
	Far Sawrey	Sewage Disposal works with overflow to stream.
	Colthouse	Sewage tank with overflow to stream.
Colton	Bouth	Sewage disposal works with overflow to stream.
	Oxenpark	Sewage tank with overflow to land.
Coniston	Coniston	Five large sewage tanks with overflow to streams.
Egton	Greenodd	Tidal water of Morecambe Bay.
	Pennybridge	Sewage tank, outfall to tidal water
	Sparkbridge	Sewage disposal works, with outfall to river.
Haverthwaite	Haverthwaite	Sewage tank with overflow to river.
	Backbarrow	Sewage tank with overflow to river.
		Sewage disposal works at Finsthwaite Lane.
Hawkshead	Hawkshead	Sewage tank with outfall to stream
	Outgate	Sewage tank with outfall to land. Sewage disposal works with outfall to stream.



Holker Lower	Cark	Sewage tank with outfall to sea
	Ravenstown	Sewage disposal works with tanks and filters.
	Flookburgh	Pumping plant discharging sewage to enlarged works at Ravenstown, outfall to stream.
Kirkby Ireleth	Sandside	Sewage tank with outfall to tidal water of River Duddon.
	Chapples	Sewage tank with outfall to stream
	Soutergate	Sewage tank with outfall to sea.
	Marshside	Sewage tank with outfall to tidal waters.
Lowick	Lowick Green	2 Sewage tanks with outfall to River Crake.
Osmotherley	Broughton Beck	Sewage disposal works with tanks and filter.
	Beehive	Tank with outfall to land.
	Three Bridges	Sewage tank with outfall to stream.
	Tarn Close	Outfall works of Ulverston Urban District Council.
Pennington	Swarthmoor	Outfall works of Ulverston Urban District Council.
	Trinkeld	Outfall works of Ulverston Urban District Council.
	Loppergarth	Sewage disposal works with tanks and filters, outfall to stream.
	Cross-a-Moor	Outfall works of Ulverston Urban District Council.
Satterthwaite	Satterthwaite	Private sewer to works with outfall to stream.
Staveley	Staveley	Public sewer to tank with outfall to stream.
	Ayside	Sewage Disposal Works with outfall to stream.
Torver	Torver	Sewage tank with outfall to stream.
Urswick	Gr. Urswick	Sewage tanks with outfall to tarn.
	Little Urswick	Sewage tanks with outfall to land.
	Stainton	Sewage tank with outfall to land.
	Bardsea	Sewage tanks with outfall to sea.

# HOUSING

(1) <u>Number of new dwellings erected during the year:-</u>	Houses	Flats
(1) By the local authority... ..	18	-
(2) By other local authorities ... ..	-	-
(3) By other bodies or persons ... ..	64	-
(2) <u>Total No. of Council-owned dwellings existing at end of year</u>	532	
(3) <u>Inspections of dwellings during the year:-</u>		
(1) (a) Total No. of dwellings inspected formally or informally for housing defects (under Public Health or Housing Acts) ... ..	438	
(b) No. of inspections, formal or informal, made for the purpose	623	
(c) No. of dwellings in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit ...	48	
(2) Total No. of dwellings existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which		
(a) Demolition Orders have been made (at any time)	83	
(b) Demolition or Closing Orders have not yet been made	33	
(4) <u>Houses Demolished:-</u>	Houses Demolished	<u>Displaced during year</u> Persons Families
In Clearance Areas: Unfit for human habitation	5	5 2
Not in Clearance Areas: As a result of formal or informal procedure under S.16 or S.17(1), Housing Act, 1957	3	1 1
(5) <u>Unfit Houses Closed:-</u>	Nil	
(6) <u>Unfit Houses Made Fit:-</u>	Number	
(1) By owner after informal action by local authority	4	
(2) After formal notice under S.9 and S.16 Housing Act, 1957		
(a) By owner	Nil	
(b) By local authority	Nil	
(7) <u>Unfit Houses in Temporary Use (Housing Act, 1957):-</u>	Nil	
(8) Houses in Clearance Areas Purchased by Agreement:-	Nil	

(9) <u>Housing (Financial Provisions) Act, 1958 and Housing Act, 1969 - Improvement Grants etc.</u>	No. of dwelling houses or other buildings affected in schemes of -		
Action taken during the year:-	Private Bodies or individuals		Local Authority
	Owner Occupied	Others	
(1) Submitted by private individuals to local authority	38	18	-
(2) Approved by local authority	38	18	-
(3) Submitted by local authority to Ministry	-	-	-
(4) Finally approved by Ministry	-	-	-
(5) Work completed	30	12	-
(6) Additional separate dwellings included in (5) above	5	-	-
(10) <u>House Purchase and Housing Act, 1959 and Housing Acts 1961, 1964 and 1969 - Standard Grants.</u>	No. of dwellings or other buildings affected		
	Owner Occupied		Others
Action during year:-	17		13
			13
	17		13
	16		8
(1) Applications submitted to local authority for improvement to full standard			13
(2) Applications approved by local authority for improvement to full standard			13
(3) Work completed			8



PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE

NOTIFIABLE INFECTIONS

The following table shows the number of cases notified as occurring in the North Lonsdale Rural District during the years 1965 - 1970

	1965	1966	1967	1968	1969	1970
Scarlet Fever	1	2	7	18	9	6
Measles	315	95	162	44	0	67
Whooping cough	0	0	0	1	0	1
Meningococcal Infection	2	0	0	0	0	0
Dysentery	0	0	1	0	0	1
Food Poisoning	0	0	0	0	3	0
Infective Jaundice (notifiable from 1st June, 1968)	-	-	-	1	14	0
TOTALS	318	97	170	64	26	75

A small outbreak of measles occurred during the second quarter of 1970 making the complete absence of the disease in 1969 stand out exceptionally. The absence of the disease in 1969 was undoubtedly the result of the measles vaccination campaign which was started in mid-1968 and continued until mid-1969. Unfortunately the campaign then came to an almost complete halt following the decision to discontinue the use of a certain strain of vaccine, but obviously a sufficient number of children had been protected, either naturally or by vaccination, to prevent an outbreak of the disease in 1969. Vaccination against measles was started again towards the end of 1969, but apparently a sufficient number of children were unprotected to allow the small outbreak to occur in 1970.

The table below shows the numbers of new cases and deaths from tuberculosis in North Lonsdale Rural District residents during the past 12 years.

Year	<u>New Cases</u>				<u>Deaths</u>			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
1959	1	3	0	0	0	0	0	0
1960	3	3	0	0	1	1	0	0
1961	1	1	0	0	0	0	0	0
1962	3	3	0	0	1	2	0	0
1963	4	1	0	0	2	2	0	0
1964	4	1	0	0	2	2	0	0
1965	0	2	0	0	0	0	0	0
1966	9 <sup>‡</sup>	2 <sup>‡</sup>	0	0	1	0	0	0
1967	0	0	0	0	1	2	0	0
1968	0	1	1	0	0	0	0	0
1969	1	0	0	0	0	0	0	0
1970	2	3	0	0	0	0	0	0

‡ 5 of these cases were discovered by the Mass Radiography Unit which paid its 3-yearly visit during 1966. The Unit also visited the District during 1969 but no cases of tuberculosis were found by this procedure.

INSPECTION AND SUPERVISION OF FOOD

Meat Inspection

There are 2 private slaughterhouses in the District and all animals were inspected post-mortem.

	<u>Cattle excluding Cows</u>	<u>Calves</u>	<u>Sheep and Lambs</u>	<u>Pigs</u>
Number killed	505	1	1122	-
Number inspected	505	1	1122	-
<u>All Disease except Tuberculosis and Cysticercosis</u>				
Whole carcasses condemned	1	1	2	-
Carcases of which some part or organ was condemned	136	-	104	-
Percentage of number inspected affected with disease other than Tuberculosis and Cysticercosis	27.12%	100%	9.62%	-
<u>Tuberculosis only</u>	-	-	-	-
<u>Cysticercosis</u>				
Carcases of which some part or organ was condemned	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-
Generalised and totally condemned	-	-	-	-

Milk Supplies - Brucella Abortus

237 samples of milk were submitted for examination for brucellosis. 8 gave a positive ring test and 2 of these were found to contain Brucella organisms.

In respect of the 3 positive results orders under Article 20 of the Milk & Dairies (General) Regulations, 1959 were made, and two orders were served on producers in North Lonsdale Rural Area in respect of Positive samples obtained by Lancashire County Council.

NATIONAL ASSISTANCE ACTS, 1949 & 1951

It was not found necessary to take any action under these Acts during the year.

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In conclusion it is my pleasure to thank the Members of the Health Committee and the Officers of the North Lonsdale Rural District Council, particularly the Public Health Inspectors for their unfailing courtesy and help.

I have the honour to be,

Your obedient servant,

J.L.WILD.

Medical Officer of Health.





STATISTICS SUPPLIED BY THE SENIOR PUBLIC HEALTH INSPECTORFOR THE YEAR ENDED 31st DECEMBER, 1970.Summary of Inspections made during the year.

Public Health Acts 1936 - 61	249
Caravan and Camping Sites	189
Housing Act 1957	303
Housing Applications	131
Catering Establishments	113
Food Preparation Premises (including Shrimp Pickers)	264
General Food Premises	47
Ice Cream Premises	67
Hawkers	48
Milk & Dairies	263
Slaughterhouses	266
Factories Act 1937-59	30
Waste Foods Order 1957	5
Offices & Shops, Railway Premises Act 1963	117
Water Supplies	209
Verminous Premises	9
School Swimming Baths	24
Private Swimming Baths	17
Rodent Control (including visits by Rodent Operator)	2174
Miscellaneous Visits	357

Total Number of Inspections - 4,882.General Information

No. of Licensed Hotels etc.	66	
No. of unlicensed Hotels and Guest houses	24	) see
No. of Cafes and Snack Bars	31	) Note 1.
No. of Hostels	13	
No. of works and School canteens	19	
No. of Greengrocers	1	
No. of Bakers and/or Confectioners	5	
No. of General Food Shops	64	
No. of Shops selling mainly ice cream and minerals	16	
No. of registered Ice Cream premises - Manufacture	1	
Sale of Ice Cream	111	
No. of registered Hawkers	62	
No. of registered Hawkers premises	39	
No. of premises registered for Shrimp Picking	239	
No. of Licensed Slaughterhouses	2	
No. of Licensed Slaughtermen	21	
No. of premises registered under Diseases of Animals (Waste Food) Order 1957	8	
No. of Licensed Caravan Sites	98	
No. of Caravans on Licensed Sites	2107	
No. of Factory premises	81	
No. of Butchers Shops	8	
No. of premises registered under Offices, Shops & Railway Premises Act 1963	99	
No. of premises registered under Animal Boarding Establishment Act, 1963	4	
No. of Rodent Control Contracts	72	
No. of Swimming Pools (a) Schools	3	
(b) Caravan Sites	1	

Note 1. These figures do not include the many domestic premises and farmhouses which during the summer months do occasional catering.

WATER SUPPLIES. (PUBLIC).

	<u>No. of samples</u>	<u>No. satisfactory</u>	<u>No. unsatisfactory</u>
(a) Raw Water	21(36)	4(26)	17(10)
(b) Chlorinated Water	60(73)	48(65)	12(8)

WATER SUPPLIES. (PRIVATE).

(a) Raw Water	8(7)	3(3)	5(4)
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Figures in brackets denote last year's results.

CARAVAN SITES AND CAMPING SITES.

No. of licensed caravan sites	98
No. of caravans on Licensed Sites	2107
No. of short term camping sites	30

RODENT CONTROL.

	<u>Non-agriculture</u>	<u>Agricultural premises</u>
(a) No. of premises	6017	634
(b) Total number of properties inspected - following notification	432	214
(c) No. of (b) infested by: Rats	394	158
Mice	77	3
(d) Total number of properties inspected for reasons other than notification	798	14
(e) No. of (d) infested by: Rats	118	70
Mice	24	4

FACTORIES ACT, 1961

Annual Report of the Medical Officer of Health  
in respect of the year 1970 for the North Lonsdale  
Rural District in the County of Lancashire.

Prescribed Particulars on the Administration  
of the Factories Act, 1961.

Part 1 of the Act.

1 - Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

<u>Premises</u>	Number on Register	Number of		
		<u>Inspections</u>	<u>Written Notices</u>	<u>Occupiers Prosecuted</u>
Factories in which sections 1,2,3,4 and 6 are to be enforced by Local Authorities	6	1	-	-
Factories not included above in which Section 7 is enforced by the Local Authority	75	29	-	-
Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	-	-	-	-
TOTAL	81	30	-	-

2 - Cases in which defects were found.

<u>Particulars</u>	Found	Remedied	Referred	
			<u>To H.M. Inspector</u>	<u>By H.M. Inspector</u>
Want of cleanliness (S1)	-	-	-	-
Overcrowding (S2)	-	-	-	-
Unreasonable temperature (S3)	-	-	-	-
Inadequate ventilation (S4)	-	-	-	-
Ineffective drainage of floors (S6)	-	-	-	-
Sanitary conveniences (S7)				
(a) Insufficient	-	-	-	-
(b) Unsuitable or defective	-	-	-	-
(c) Not separate for sexes	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-
Total	-	-	-	-

Part VIII of the ActParticulars under Sections 133 and 134

No. of outworkers in August list ... Nil

No. of cases of default in sending lists to Council. Nil







